Vaibhav Balu Zalte

vaibhavzalte1004@gmail.com | +91 9096016276

Github://vaibhav_zalte | Linkedin://vaibhavzalte | Leetcode://vaibhav_zalte

TECHNICAL SKILLS:

- Programming Languages: Java, C, Python, JavaScript
- Data Structures & Algorithms (DSA)
- Frameworks: Spring Boot, Flask , Library: React js
- Databases: MySQL, MongoDB
- Tools: Git, GitHub, Development Environments: Visual Studio Code, IntelliJ IDEA, Eclipse

WORK EXPERIENCE:

Position: Software Developer North Star Metrics | **July–Sep 2024**

- I build responsive web pages with React.js and Tailwind CSS, manage state using Redux Toolkit, and integrate APIs with Axios for seamless data handling.
- **Technical proficiency**: React.js, Tailwind CSS, Redux Toolkit, and Git.

PERSONAL PROJECTS

Myntra Clone **2024**

- Developed a responsive e-commerce website clone of Myntra using React and Bootstrap. Integrated Redux Toolkit for state management to enable dynamic cart functionality and bill generation. Designed the interface to closely replicate the original platform, providing a smooth shopping experience.
- **Technologies**: React.js, Bootstrap, Redux Toolkit

Personal Journal Application **2023-2024**

- Developed a journal application for documenting daily activities and managing to-do lists, with user authentication and authorization via Spring Security for secure access. Integrated Spring Boot with MongoDB for efficient data storage and used RESTful APIs to enhance user interaction, ensuring data consistency through Spring's transactional management.
- **Technologies**: Java, Spring Boot, MongoDB, Postman, IntelliJ IDEA

Driver Drowsiness Detection System **2022-2023**

- Developed a real-time driver drowsiness detection system using computer vision and deep learning techniques. Implemented a Convolutional Neural Network (CNN) to analyze eye regions for drowsiness detection, utilizing OpenCV for video capture and Dlib for facial landmark detection. The system continuously monitors the driver's eyes and provides alerts to enhance safety when signs of drowsiness are detected.
- **Technologies**: Python, CNN, OpenCV, Dlib, Machine Learning

EDUCATION

- M.Sc. Computer Science, Pune University Computer Science Department **CGPA**-7.3 **2022-2024**
- B.Sc. Computer Science, N.V.P.College Lasalgaon **CGPA**-9.31 **2019-2022**

TECHNICAL ACCOMPLISHMENTS / EXTRACURRICULAR

- On **LeetCode**, I have solved over **220** data structure problems.
- **AVISHKAR 2023 Volunteer** - Maharashtra State Inter-University Research Convention in SPPU Pune